

Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 21 October 1954

FROM :

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SUBJECT: Visits to Press Wireless Demonstration and National Association of Purchasing Agents Exhibit in the Hotel Mayflower, 15 October 1954.

1. On 15 October 1954, the writer, accompanied by [redacted] visited a demonstration of the Press Wireless Model C Radio Receiver in the May Adams Hotel. After the Press Wireless demonstration, a visit was made to the exhibit of the National Association of Purchasing Agents in the Hotel Mayflower. Visitors were not identified as members of CIA.

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2. The Press Wireless Model C Radio Receiver, as explained in the attached folder, is primarily intended for reception of carrier-shift radiophoto signals. During the demonstration, the equipment was driving a standard teleprinter with test signals from New York. Earlier, the equipment had received photographs from New York on standard Press Wireless Wirephoto equipment, using direct positive process, 100 scan lines per minutes with 138 line resolution. The receiver appears to be well designed for both commercial and military service, specifically due to the elimination of a number of "operator difficulties" by reducing to a minimum the number of necessary controls. Applicability of the receiver in a secure facsimile network will be discussed with engineers of the National Security Agency. Cost of the receiver and converter is \$1,200.00.

3. Only a few items at the National Association of Purchasing Agents were considered of interest to Communications. Facsimile terminal equipment, marketed by Air Associates, Inc., is described in the attached folder. The equipment is the result of further development on a standard facsimile transceiver designed and developed by the now defunct Finch Telecommunications Company, Passaic, New Jersey. Magnetic tape recorders designed and developed by the Davies Laboratories, Riverdale, Md., were of interest. They are described briefly in an attached sheet. A photographic reproduction process developed by the Anken Film Company, Newton, N.J., is of indirect interest and is further described in an attached folder.

4. With reference to the facsimile equipment mentioned above, the equipment appears to be a fair facsimile transceiver with many of the headaches removed which were prevalent in the old Finch equipment. Automatic features have given way to manual operation in the interest of workability.

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21 Oct '54

The equipment includes no provision for security. Radiation potential has been reduced through the use of wet paper and by burying the printer blade arrangement well in the center of the cabinet. There is approximately one minute between the time the recorder starts and when the copy appears.



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Attachments: (4)

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